

Quiz Tool - Sprint #5 Retrospective

What went well:

- Finished off the technical part of the Final Project
- Added Angular unit tests to test the front-end. Offline services and helper methods of certain components have been tested.
- I have added an error handler to display user friendly Toasts to users if something goes wrong
- Persisted lecture sessions, and added a component capable of displaying historical sessions for each Lecture
- Created a PDF report generator to export historical sessions
- Added the ability to download originally uploaded presentations
- Prevented people from uploading files over 15MB
- Persisted the mongo DB container on AWS using volume mount onto the EC2 instance.
- Polished the CSS of the whole application
- Changed the tool's license to GPLv2 and updated the README
- Added integration tests using Selenium. This required a creation of a tailored docker-compose file, using the selenium hub container, headless firefox and chrome, and adding an extra tester container capable of running the tests using a JavaScript implementation of the selenium web driver.
- Newly added tests are run as part of the Circle CI build

What could be improved:

- I could have probably get everything done in a shorter amount of time
- I did not unit test Angular Components, and services which consumed the server side endpoints. This functionality is however tested with Selenium integration tests, and manual testing